

What is claimed is:

1 1. A triode field emission display (FED) using carbon nanotubes,
2 comprising:
3 front and rear substrates disposed to face each other and separated by a
4 predetermined distance;
5 a cathode formed on the rear substrate;
6 carbon nanotubes formed on the cathode;
7 an anode formed on the front substrate;
8 phosphor formed on the anode; and
9 an extraction electrode formed on the front substrate on which the anode is
10 formed, the extraction electrode being separated from the anode by a predetermined
11 distance.

1 2. A triode field emission display (FED) using carbon nanotubes,
2 comprising:
3 front and rear substrates disposed to face each other and separated by a
4 predetermined distance;
5 cathode lines formed on the rear substrate in a striped pattern;
6 carbon nanotubes formed on the cathode lines at regular intervals;
7 anode lines formed on the front substrate in a striped pattern crossing the
8 cathode lines;
9 phosphor formed on the anode lines; and
10 extraction electrodes formed on the front substrate on which the anodes are
11 formed, each extraction electrode being separated from each adjacent anode by a
12 predetermined distance, the extraction electrodes being formed in a striped pattern
13 parallel to the anode lines.

ADD
B2